

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S66   | 11   | tialn with Ru with (bottom lower) adj electrode same barrier and barrier near5 tin  | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2008/01/28 17:11 |
| S65   | 9    | tialn with Ru with lower adj electrode same barrier and barrier near5 tin   | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2008/01/28 17:09 |
| S64   | 0    | tialn with Ru with lower adj electrode same barrier and barrer near5 tin  | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2008/01/28 17:09 |
| S63   | 6    | tialn with Ru with lower adj electrode same barrier near5 tin   | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2008/01/28 17:08 |
| S62   | 13   | tialn with Ru with lower adj electrode same barrier   | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2008/01/28 17:06 |
| S61   | 15   | ("5436477"   "5717250"   "5776825"   "5847423"   "5859760"   "5918118"   "5939746"   "5939748"   "6033919"   "6057081"   "6057571"   "6358790"). PN. OR ("6720604").URPN. | US-PGPUB; USPAT; USOCR                             | OR               | ON      | 2008/01/28 15:59 |
| S60   | 478  | S57 S58 S59   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/01/28 15:53 |
| S59   | 285  | S55 and barrier   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/01/28 15:52 |
| S58   | 68   | S54 and barrier   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/01/28 15:52 |
| S57   | 138  | S52 and barrier   | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR               | ON      | 2008/01/28 15:52 |

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|-----|------|---------------------|---|----|-----|---------------------|
| S56 | 486  | S53 and barrier     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/28<br>15:52 |
| S55 | 953  | (257/E27.048).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/28<br>15:50 |
| S54 | 273  | (257/535).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/28<br>15:48 |
| S53 | 2356 | (257/532).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/28<br>15:48 |
| S52 | 617  | (257/528).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/28<br>15:48 |
| S51 | 43   | S49 same aluminum   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/28<br>15:26 |
| S50 | 381  | S49 same second     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/28<br>15:26 |
| S49 | 888  | S45 same S47        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/28<br>15:25 |
| S48 | 1457 | S45 and S47         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/01/28<br>15:24 |

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| S47 | 10352 | (lower bottom same upper top) adj electrode.clm.           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>15:24 |
| S46 | 10393 | (lower bottom and upper top) adj electrode.clm.            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>15:24 |
| S45 | 78508 | barrier.clm.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>15:23 |
| S44 | 2     | (lower bottom and upper top) adj electrode.clm.            | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>15:23 |
| S43 | 32    | pillar near3 capacitor and barrier with tin                | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>14:53 |
| S42 | 11    | pillar near3 capacitor and plug with barrier with tin      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>14:50 |
| S41 | 61    | cylindrical near3 capacitor and plug with barrier with tin | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>14:45 |
| S40 | 0     | ("2006/0040444").URPN.                                     | USPAT   | OR | ON | 2008/01/28<br>14:34 |
| S39 | 127   | lower adj electrode with plug with barrier with tin        | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/01/28<br>14:16 |

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| S38 | 2 | ("20010054730").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/28<br>14:15 |
| S37 | 0 | ("200100544730").PN. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/28<br>14:14 |
| S36 | 2 | ("20040235260").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/01/28<br>14:11 |

1/29/2008 12:06:26 PM

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